

Abstract Of The Disclosure

5 A fuel injector for fuel injection systems of internal combustion engines includes a solenoid coil; an armature acted upon in a closing direction by a restoring spring; and a valve needle, which is connected to the armature in force-locking manner and on which a valve-closure member is formed, which forms a sealing seat together with a valve seat surface. The armature strikes against a stop face of an inner pole of the solenoid coil by way of a stop face, and the armature stop face is provided with a coating. The coating has a surface structure.